

**Abstract of the Disclosure**

A swimming pool cover which retards algae growth. Two films are sealed together so as to create air pockets which allow the pool cover to float on the surface of the water. One or both of the films contains a material which prevents the passage of light in those wavelengths which are necessary for algae growth, especially 350-500nm and 600-700nm. The material may either be a dye which has a color associated with that wavelength or may be a transparent material which removes those wavelengths of light. The remaining wavelengths of light are allowed to pass through the cover in order to heat the water but not cause algae growth. Additionally, the cover can be made by mixing light absorbing material into the plastic before making the film for the pool cover or may be made by applying a layer of light absorbing material to the film.